

ABSTRACT OF THE DISCLOSURE

A compressor having a discharge valve. The discharge valve is mounted to the fixed scroll of a scroll compressor using a C-shaped clamp. The clamp is secured using a threaded fastener which extends through the clamp at a position between the two legs of the clamp. The valve member is positioned within a recess on the scroll member and sealingly covers a discharge outlet through which compressed refrigerant is discharged from the working space of the compressor. The thickness of the scroll member at the location of the discharge outlet is less than the thickness of the scroll member at the location where the threaded fastener attached the clamp to the scroll member. The valve member is larger than the discharge outlet and the recess is dimensioned to limit the movement of the valve member such that it remains positioned over the discharge outlet.